SONY

BDP-BX620

Sony Dual core Blu-ray Disc™ player 4K upscaling

Supercharge your entertainment with a built-in, dual-core processor and 4K output[1]. Enhance what you watch with four times the resolution of Full HD and stream wirelessly from over 200 different services[2]. See more colors than ever with TRILUMINOS™ Display technology[3] and even mirror your favorite mobile device on compatible TVs[4]. It's your movies, TV shows and music like never before.

Bullets

- 4K up scaling[1] player to stream over 200 streaming services[2].
- Dual Core Processor for fast performance.
- Enjoy high picture quality with TRILUMINOS Display technology[3]
- Mirroring your mobile device on your compatible TV with Miracast™ technology[4]
- Improve picture quality of streamed content with IP Noise Reduction Pro
- Full HD 1080p[5] Blu-ray Disc™ playback with 2D to 3D conversion[6].
- Quick Start/Load to watch movies faster than ever
- Enjoy music, photos and video via dual USB slots[7]
- Socialize™ what you watch over Facebook and Twitter.
- Wirelessly stream photos, videos and music with DLNA®[8]
- "Throw" your music photos from your Sony Xperia® Tablet [9]
- Experience HD sound with Dolby® TrueHD and dts®-HD.[10]
- Access and search detailed movie info with Gracenote®[11]

Features

The ease of built-in Wi-Fi®

Easily connect to the internet through your home's wireless broadband network and stream movies, TV shows, music and more.

Fast performance with Dual Core Processor

Built-in Dual Core Processor for fast performance.

Make movies more stunning.

Enjoy 3D Blu-ray Disc™ movies in Full HD 1080p6 and upscale the visual quality of DVDs to near HD quality.[12] The 2D to 3D conversion feature allows your DVDs or Blu-ray Disc™ movies to be automatically converted into 3D for playback on your 3D TV.[11] Experience over four times higher quality resolution than Full HD with 4K upscalling suppor[t1].

Miracast™ technolgy

Wirelessly send the display from your compatible Android™ device to your compatible TV. This allows you to view pictures and videos that are playing on your device to the big screen[4].

Internet entertainment made better.

Improve the picture quality of Internet entertainment and enjoy crisp, clear images on your TV with IP Noise Reduction Pro.

Sony Entertainment Network

Instantly stream a wide variety of online movies, videos, TV shows, and music from Netflix®, YouTube®, Pandora®, Hulu Plus™ and more.[2]

Get it started fast.

Quick Start/Quick Load lets you enjoy your movies within seconds.

Control browse from mobile devices[3] with TV SideView™

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With the free Sony TV SideView™ app.[13], you can control your player and browse content from your mobile devices. "Throw" [9] your videos, pictures, and music from your mobile device(s) to your TV. Voice search is also available for some services.

Life, easily shared.

Bring your favorite videos, photos and music to your TV with dual USB inputs[7].

Socialize™ while you watch TV.

Socialize™ what you watch over Facebook and Twitter. Instantly share from Internet videos and music you're enjoying.

All access to other devices.

Using DLNA® you can wirelessly access music, videos and photos from your PC or other compatible Android™ device and stream them to your Blu-ray Disc™ Player[8].

Throw your music and photos.

Photos and music from your Sony Xperia® Tablet or other compatible Android™ device can be "thrown" directly to your Blu-ray Disc™ player for enjoyment on your TV[9].

Sound you can feel.

Dolby® TrueHD and dts®-HD codecs reproduce high-definition sound with 7.1 channels of discrete audio for uncompromised quality.[10]

Learn more about your movies.

Get detailed movie information and search across internet apps, including YouTube™ and Video Unlimited for related entertainment with Gracenote®[11].

More Brilliant Color Than Ever Before

Unique to Sony, TRILUMINOS™ Display technology creates a heightened sense of depth and incredibly true, natural shades of colors – just the way you want them. Hard-to-reproduce reds, aqua blues and emerald greens are displayed beautifully, so landscapes and seascapes look more vivid. Faces look better too, with natural skin tones.[3]

Specifications

Supported Media		
BDAV	BD-RE	Yes (ver.2.0, SL/DL)
BDMV	BD-RE	Yes (ver.2.0, SL/DL)
Hybrid Disc	BD/CD	Yes (select in set-up menu)
	BD/DVD	Yes (select in set-up menu)
Mixed Disc	BDAV/BDMV	Yes (BDMV)
Photo	GIF (.gif)	Yes (BD, DVD, CD, USB, DLNA)
	JPEG (.jpg, .jpeg)	Yes (BD, DVD, CD, USB, DLNA)
	PNG (.png)	Yes (BD, DVD, CD, USB, DLNA)
Video	AVCHD Disc Format Folder	Yes (BD, DVD, CD, USB, DLNA)
	MPEG-1 Video/PS (.mpg .mpeg, .m2ts, .mts)	Yes (BD, DVD, CD, USB, DLNA)
	MPEG-2 Video/PS, TS (.mpg.mpeg, .m2ts, .mts)	Yes (BD, DVD, CD, USB, DLNA)
	MPEG-4 AVC (.mkv, .mp4, .m4v, .m2ts, .mts)	Yes (BD, DVD, CD, USB, DLNA)
	WMV9 (.wmv, .asf)	Yes (BD, DVD, CD, USB, DLNA)
Music	AAC (.aac, .mka)	Yes (BD, DVD, CD, USB)
	AAC (.m4a)	Yes (BD, DVD, CD, USB, DLNA)
BDAV	BD-R	Yes (ver.1.0, SL/DL)
BDMV	BD-R	Yes (ver.3.0, SL/DL)
BD-ROM	BD-ROM (SL/DL)	Yes (SL/DL)
	Bonus View (Profile1.1)	Yes (Profile 1.1)

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CD	CD (CD-DA)	Yes
	CD-R/-RW	Yes
Music	Dolby Digital (.ac3, .mka)	Yes (BD, DVD, CD, USB)
	DTS	Yes (BD, DVD, CD, USB)
Supported Media	DVD Camcorder 8cm DVD	8cm DVD-R/-RW 8cm DVD+RW
	DVD+R	Yes
	DVD+R Double Layer	Yes
	DVD+RW	Yes
	DVD-R	Yes VR (w/o CPRM)
	DVD-R Dual Layer	Yes VR (w/o CPRM)
	DVD-RW	Yes VR (w/o CPRM)
	DVD-Video	Yes
	External HDD (Read/Write/Copy/Move)	Yes(Read)
Music	FLAC (.flac, .fla)	Yes (BD, DVD, CD, USB)
Hybrid Disc	HDDVD/DVD	Yes (DVD part only)
Music	HE-AACv1/v2	Yes (BD, DVD, CD, USB, DLNA)
	LPCM (.mka)	Yes (BD, DVD, CD, USB)
	LPCM (.wav)	Yes (BD, DVD, CD, USB, DLNA)
Video	Motion JPEG (.mov, .avi)	Yes (BD, DVD, CD, USB)
Music	MP3 (.mka)	Yes (BD, DVD, CD, USB)
	MP3 (.mp3)	Yes (BD, DVD, CD, USB, DLNA)
Video	MPEG-4/AVC (.mov, 3gp, .3g2, .3gpp, .3gpp2, .flv)	Yes (BD, DVD, CD, USB)
Photo	MPO MPF 3D (.mpo)	Yes (BD, DVD, CD, USB)
CD	SA-CD (SA-CD/CD)	Yes
Supported Media	USB Memory	Yes (FAT32, NTSF)
Video	VC1 (.m2ts, .mts, .mkv)	Yes (BD, DVD, CD, USB)
CD	Video CD v.1.0	Yes (Partially)
Music	WMA9 Standard (.wma)	Yes (BD, DVD, CD, USB, DLNA)
Video	XVID	Yes (BD, DVD, CD, USB, DLNA)
3D		
3D	BD-ROM	Yes
	Photo	Yes
	Streaming	Yes
	Video (from camcorder)	Yes
Disc Playback Features		
Repeat	All	Yes
	Chapter	Yes
Disc Player	Play/Stop/Pause	Yes
	PREV/NEXT	Yes
	REV/FWD	Yes
	Slow Playback (FWD/REV)	Yes
	STEP Playback (FWD/REV)	Yes
Repeat	Title	Yes
	Track	Yes
Power		

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Power	Power Consumption (in Operation)	16W
	Power Consumption (in Standby)	0.45W
Convenience Features		
Convenience Features	Bit Rate Indicator	Yes (Video, Audio, BIV)
	IPCC	Yes
	Parental Control	Yes
	Screen Saver	Yes
	USB Keyboard	Yes (standard 101 Key)
	Auto Power Off (Auto Stand-by)	Yes
	DEMO mode - Tray Lock	Yes
2nd Display (Media Remote)	Device	Yes (iPhone, Android, PC)
Convenience Features	Multiple Language Display	English Spanish French Portuguese
	Software Keyboard	English Spanish French German Italian Dutch Portuguese Swedish Danish Norwegian Finnish Greek Russian Polish
2nd Display (Media Remote)	TV SideView	Yes
GUI	XMB (Xross Media Bar)	Yes
Video Features		
Noise Reduction	BNR	Yes
Picture Parameter Adjustment(s)	Brightness	Yes
	Clear Black	Yes
	Color	Yes
	Contrast	Yes
	Contrast Remaster	Yes
Video Features	Deep Color	Yes (16bit)
Noise Reduction	FNR	Yes
Picture Parameter Adjustment(s)	Hue	Yes
Video Features	IP Content Noise Reduction	Yes (Pro)
Noise Reduction	MNR	Yes
Video Features	Preset Picture mode Cinema tuned	Yes (Standard/ Brighter room/ Theater Room)
	SBMV (CREAS)	Yes
	Simulated 3D	Yes
Picture Parameter Adjustment(s)	Smoothing	Yes
	Super Resolution	Yes
Video Features	Super Scaler (Precision CinemaHD upscale)	Yes
Picture Parameter Adjustment(s)	Text Remaster	Yes
Video		
DVD	DVD 24p output	Yes

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BD	HD (24Hz) (24p True Cinema)	Yes
	HD (60Hz)	Yes
	HD 24Hz to 60Hz conversion	Yes
Video Output - BD-ROM	HDMI	Yes (480i/ 480p/ 720p/ 1080i/ 1080p (60Hz)) Yes (1080p (24Hz))
Video Output - Photo Upscaling	HDMI	Yes (4K (24Hz))
Video Output - DVD Upscaling	HDMI	Yes (720p/ 1080i/ 1080p) Yes (1080p (24Hz))
DVD	HDMI	Yes (480i/ 480p/ 720p/ 1080i/ 1080p (60Hz))
Video Output - BD Upscaling	HDMI	Yes (4K (24Hz))
Video Output - DVD R/RW BD R/RE non copy protected	HDMI	Yes (480i/ 480p/ 720p/ 1080i/ 1080p (60Hz))
DVD	NTSC/PAL (60Hz/50Hz)	Yes (NTSC only at 60Hz)
BD	SD (60Hz)	Yes
DVD	TV Type Default Setting	16:9
General		
FW Update	Network	Yes
	USB	Yes
General Features		
General Features	Boot time (Quick Start Mode)	Yes (Super Quick Start Mode)
	Disc Drive	Yes (Precision Drive HD)
	Region Code (BD)	A
	Region Code (DVD)	1
	Startup Screen	Yes
	TV System Default Setting	60Hz
Inputs and Outputs		
Inputs and Outputs	HDMI Output(s)	1 (Rear)
	USB Input(s)	2 (1 Front / 1 Rear)
	Coaxial Audio Output(s)	1 (Rear)
	Ethernet Connection(s)	1 (Rear)
Audio Features		
Decodability	AV Sync	Yes
	Digital Music Enhancer	Yes
Coaxial, Optical	Dolby Digital bit-stream out	Yes
HDMI Audio Out	Dolby TrueHD bit-stream out	Yes
Decodability	Dolby®	Dolby True HD decoding (2Ch)
	DRC	Yes
HDMI Audio Out	DSD output	Yes
	DSD to LPCM conversion out	Yes (176.4kHz/ 88.2kHz/ 44.1kHz)
Decodability	dts	DTS-HD Master Audio decoding (MA)
Coaxial, Optical	DTS bit-stream out	Yes
HDMI Audio Out	DTS HD Master Audio bit-stream out	Yes
Coaxial, Optical	LPCM 2ch (~96kHz/~24bit) out	Yes
HDMI Audio Out	LPCM 2ch out	Yes (192kHz/ 96kHz/ 48kHz)
	LPCM 6ch (5.1) out	Yes (192kHz/ 96kHz/ 48kHz)
	LPCM 8ch (7.1) out	Yes (96kHz/ 48kHz)
Decodability	Sound Bar Mode	Yes
Convenience Features		

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Convenience Features	BRAVIA® Sync™	Yes
	Easy Setup	Yes
	Child Lock	Yes
Network Features/SEN		
Home Network	DMR (Dgital Media Renderer)	Yes (Video, Audio, Photo)
	DMP (Digital Media Player)	Yes (Video, Audio, Photo)
BIVL	Recom.	Yes
Sony Entertainment Network	3D Streaming	Yes
Home Network	Contents Throw	Yes (Video, Audio, Photo)
Entertainment DB Browser (Gracenote etc.)	Cover Art	Yes
	History Browse	Yes
	Information Browse (with Web Browser)	Yes
	Information Browse (within Gracenote)	Yes
	Information Display	Yes
Web Browser	Java	Yes
Sony Entertainment Network	Live Streaming	Yes
	Recommendations	Yes
Entertainment DB Browser (Gracenote etc.)	Related Information	Yes (BD, DVD, CD, BIV)
Wi-fi	Screen Mirroring	Yes
Web Browser	Search	Yes
Entertainment DB Browser (Gracenote etc.)	Search Contents	Yes
Web Browser	Streaming	Yes
Streaming	Streaming	Yes
Sony Entertainment Network	Subtitle	Yes
Network Features/SEN	Wake on LAN	Yes (Super Quick Start Mode)
Wi-fi	Wi-Fi Built in	Yes (2.4GHz)
Accessories		
Accessories	Supplied Accessories	Remote Control (RMT-B126A) HDMI Cable Batteries (2 x AAA type) Instruction Manual Warranty Card Customer Registration Card
Power		
Power	Power Requirements (frequency)	60Hz
	Power Requirements (voltage)	120V
Video Features		
Video Features	PhotoTV 4K	Yes
	PhotoTV HD	Yes
	x.v.Color™ Technology	Yes
Weights and Measurements		
Weights and Measurements	Dimensions (Approx.)	14.18 x 1.70 x7.84 in (360 x 43 x 199 mm)
	Weight (Approx.)	2 lbs 14 oz (1.3 kg)

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1. 4K upscalling and output require a compatible 4K display and HDMI® cable, both not supplied)
2. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires an 802.11 home network (802.11n recommended).
3. TRILUMINOS feature requires content with extended color support, an HDMI® cable and a Sony display that also supports the format
4. Miracast requires a compatible Wi-Fi® enabled TV with the ability to connect using Wi-Fi® direct. Please check your TV owners' manual for compatibility
5. Requires compatible HDTV and HDMI® cable sold sep.